

Construction Resources



HOLZWEG TECHNICAL SHEET H33

TIMBER TREATMENT FLUID

Uses *Holzweg/Volvox Timber Treatment Fluid* is a naturally-based system for both eliminating existing woodworm or rot infestation in interior and exterior timber, and ensuring effective future protection.

Properties *Holzweg/Volvox Timber Treatment Fluid* works by petrifying timber and turning it into something resembling stone; this makes the wood inedible to boring insects whilst also making it difficult for fungi to settle on its hardened surface. *Holzweg/Volvox Timber Treatment Fluid* has been officially tested by the Institute of Building in Switzerland.

Colour Yellowish, semi-opaque fluid. Darkens timber slightly.

Containers Supplied in 0.75 litre, 2.5 litre and 10 litre containers.

Coverage Approximately 10 m² per litre.

Preparation The surface should be clean, dry, grease-free and absorbent. Any existing surface coatings such as paint, varnish or wax should be removed. Surrounding surfaces of metal, glass in particular etc. should be protected carefully from splashes.

Application Stir thoroughly. Any soft tiny lumps should be stirred until they dissolve back into the liquid. If larger (5-8mm or more) hard lumps are present which cannot be broken up and stirred back into the liquid, silification may have begun and the tin should not be used.

Holzweg/Volvox Timber Treatment Fluid may be applied by brush, spray-gun, or dipping. If there are a large number of insects, the holes should be sprayed separately to allow for deeper penetration. In all cases apply the treatment liberally to a distance of at least 50cm around affected area. Two coats are required for maximum effectiveness. Allow a minimum of 12 hours drying time between coats.

If light stains, crystals or mineral spots develop on the timber surface these should be brushed or sanded away. When applied to wood containing tannic acid some discolouration may occur.

Whilst *Holzweg/Volvox Timber Treatment Fluid* is hardening a fixing coat may be recommended to protect the impregnated timber from moisture during the silification period. For exterior surfaces apply *Holzweg/Volvox UV Varnish* (See relevant technical sheets). For interior surfaces protect with one coat of *Holzweg/Volvox Clear Varnish*. This is not necessary where the timber is inaccessible from general living areas i.e. joists beneath floorboards.

Note: Timber is usable after 24 hours; however care must be taken to ensure wood is fully dry in areas where food is handled or stored. If timber splits apply *Holzweg/Volvox Timber Treatment Fluid* into the crack.

Drying times *Holzweg/Volvox Timber Treatment Fluid* will dry in approximately 24 hours, depending on temperature and relative humidity. The process of silification is complete after several weeks.

Cleaning Clean tools and brushes in warm water.

Storage Store tightly sealed in a cool but frost-free place. *Holzweg/Volvox Timber Treatment Fluid* has a shelf life of up to one year after opening, so long as it is stored in an air-tight container and drying-out does not occur.

Ingredients Silicic acid, lignin, plant resins, silicates, soda, plant oils, cellulose, water.

Safety Non-poisonous. *Holzweg/Volvox Timber Treatment Fluid* is alkaline; protect eyes and skin from splashes with gloves and eye protection. In case of contact with eyes or skin rinse immediately with plenty of cold water. Do not eat, drink or smoke whilst applying. Avoid wetting glass, ceramics or plants. As *Holzweg/Volvox Timber Treatment Fluid* is a clear liquid do not store in food containers. Keep out of reach of children.

Disposal Allow unused material to dry and dispose of according to local regulations. If not dry, dispose of container and contents at a hazardous or special waste collection point. Do not pour waste into drains or watercourses.

Risk class None (non-flammable)

This technical information sheet is intended to provide guidelines for retailers and users. However, the user is responsible for testing the product on the intended surface to make sure that it is suitable for his or her requirements. This sheet was issued on March 2006 and may be superseded by later editions.

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